

Title (en)

Biopolymer synthesis apparatus and method.

Title (de)

Vorrichtung und Verfahren zur Herstellung von Biopolymeren.

Title (fr)

Appareillage et procédé pour le synthèse des biopolymères.

Publication

**EP 0541340 A2 19930512 (EN)**

Application

**EP 92310074 A 19921103**

Priority

- US 78832291 A 19911105
- US 88354192 A 19920515

Abstract (en)

A cartridge containing a dry polymer composition carrying trapped biopolymer subunits for use in synthesis of biopolymer chains provides a discrete unit for stepwise supply of subunits, such as protected amino acids, in an automated apparatus for biopolymer synthesis. The composition is swellable in organic solvent to release and supply the subunits to a growing biopolymer chain immobilized on a polymer support. An automated synthesizer uses the cartridges for sequential subunit supply and monitors conductivity of deprotection reagents to control cycling and timing of steps.

IPC 1-7

**B01J 19/00; C07K 1/04**

IPC 8 full level

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CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

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